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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/898,489	07/05/2001	Naofumi Hirayama	041514-5133	8434

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EXAMINER	
IQBAL, KHAWAR	
ART UNIT	**PAPER NUMBER**
2686	

DATE MAILED: 10/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/898,489	HIRAYAMA ET AL.	
	Examiner	Art Unit	
	Khawar Iqbal	2686	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *03* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *06 September 2005*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-21* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-21* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 09-06-05 have been fully considered but they are not persuasive. Examiner has thoroughly reviewed applicant's arguments but firmly believes the cited reference reasonably and properly meet the claimed limitations. Applicant's argument was that "an image signal from said pickup part installed in said facility site, received by said interior image information providing site, is sent to said portable information terminal via the mobile communication system". In response, examiner would like to point out that Obradovich teaches PCD has a display 28a, a GPS receiver 243 and processor 21 performs control and logic functions. In step 1248 fig. 12 the PCD receives the locations of reporting devices. PCD displaying a trail plot with CRD locations. The PCD slews the cursor over the reported location of the CRD in step 1270. In step 1272 the user selects the CRD identified by the cursor. The PCD sets its radio receiver to the appropriate frequency for receiving transmissions from the CRD in step 1276. In step 1278 the PCD receives the information (digital photo, traffic speed indications, current weather information and etc) from the CRD. The PCD then formats the data in step 1280 and displays the data in step 1282 (para. 0144-0149, 0011-0012).

2. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., "claim 1 includes " an image signal receiving part for receiving an image signal from one of a plurality of image pickup parts respectively installed in a plurality of facility

sites, identified by an interior image information providing site and sent via a mobile communication network.") are not recited in the rejected claim 1. Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-21 are rejected under 35 U.S.C. 102(e) as being unpatentable by Obradovich (20030156208).

5. Regarding claim 1 Obradovich teaches a portable information terminal (PCD) comprising (figs. 1-2, 37):

a display (28,30) part for displaying an image (figs. 2-4);

an image signal receiving part for receiving an image signal from one of plurality of image pickup parts respectively installed in a plurality of facility sites identified by an interior image information providing site and sent via a mobile communication network (para. 0025,0142-0146);

image signal reproducing part, which reproduces, said image signal received by means of said image signal receiving part and makes said display part display said reproduced image (para. 0025, 0131,0133,0142-0145);

a position detecting signal outputting part which outputs, via a mobile communication network (para. 0131,0133,0142-0145), a position detecting signal representing an own position of said portable information terminal to said interior image information providing site, said position detection signal being used for identifying a facility site in which an image-pickup part is installed and which is located in an area including said own position of said portable information terminal (para. 0131,0133,0142-0145), so that an image signal from said pickup part installed in said facility site, received by said interior image information providing site, is sent to said portable information terminal via the mobile communication system (para. 0025,0131, 0133, 0142-0150).

Regarding claim 2 Obradovich teaches wherein said position detecting signal outputting part is a global positioning system (para. 0131,0133,0142-0145).

Regarding claim 3 Obradovich teaches wherein said portable information terminal is a portable telephone (fig. 2, para. 0010).

Regarding claim 4 Obradovich teaches an interior image information providing system by means of a portable information terminal comprising (figs. 1-2, 37): a portable information terminal (para. 0131,0133,0142-0145); an interior image information providing site which is connected to said portable information terminal via a mobile communication network and also connected to a computer network (para.

0131,0133,0142-0145); and a facility site which is provided with an image-pickup part installed in a facility and sends an image signal obtained by said image-pickup part to a computer network, wherein portable information terminal is provided with (para. 0131,0133,0142-0145): a display part for displaying an image; an image signal receiving part for receiving an image signal to be sent via a mobile communication network connected to a computer network (para. 0131,0133,0142-0145); an image signal reproducing part which reproduces said image signal received by means of said image signal receiving part and makes said display part display said reproduced image(para. 0131,0133,0142-0145); and a position detecting signal outputting part which outputs, via a mobile communication network (para. 0131,0133,0142-0145), a position detecting signal for making a judgment on an image-pickup part which sends an image signal to said image signal receiving part to a computer network and said interior image information providing site is provided with (para. 0131,0133,0142-0145); a judging part for making a judgment on said facility site to receive an image signal based on a position detecting signal to be inputted from said position detecting signal outputting part of said portable information terminal and a sending means for sending said image signal to be inputted (para. 0025,0131, 0133, 0142-0150), via a computer network, from said image-pickup part of said facility site, which has been judged to receive said image signal, to said portable information terminal via a mobile communication network (para. 0025,0131, 0133, 0142-0150).

Regarding claim 5 Obradovich teaches wherein said position detecting signal outputting part is a global positioning system (para. 0131,0133,0142-0145).

Regarding claim 6 Obradovich teaches wherein said portable information terminal is a portable telephone (para. 0131,0133,0142-0145).

Regarding claim 7 Obradovich teaches wherein said interior image information providing site comprises a program database in which programs for driving and controlling said image-pickup part of each facility site are stored (para. 0131,0133,0142-0145).

Regarding claim 8 Obradovich teaches wherein distinguishing data for distinguishing a portable information terminal is added to said program of each facility site which has been stored in said program database and said distinguishing data is sent to said facility site that has been judged by means of said judging part (para. 0131,0133,0142-0145).

Regarding claim 9 Obradovich teaches wherein said interior image information providing site is provided with a registered facility database in which information on facilities where said facility sites have been installed is recorded and which provides said judging part with data for making a judgment on said facility site (para. 0131,0133,0142-0145).

Regarding claim 10 Obradovich teaches wherein position data indicating positions of registered facilities is recorded in said registered facility database (para. 0131,0133,0142-0145).

Regarding claim 11 Obradovich teaches wherein said judging part of said interior image information providing site makes said judgment by confirming whether a facility exists or not based on position information indicating said positions of said registered

facilities which has been accumulated in a map database site connected to a computer network (para. 0131,0133,0142-0145).

Regarding claim 12 Obradovich teaches wherein when said position detecting signal to be inputted from said position detecting signal outputting part of said portable information terminal indicates a position inside of a facility, said judging part judges a facility site installed in said facility to be a facility site where an image signal is to be received (para. 0025,0131, 0133, 0142-0150).

Regarding claim 13 Obradovich teaches an interior image information providing system by means of a portable information terminal comprising (figs. 1-41): a portable information terminal; an interior image information providing site which is connected to said portable information terminal via a mobile communication network and also connected to a computer network (para. 0131,0133,0142-0145); and a facility site which is provided with an image-pickup part installed in a facility and sends an image signal obtained by said image-pickup means to a computer network, wherein said portable information terminal is provided with (para. 0131,0133,0142-0145): a display part for displaying an image; an image signal receiving part for receiving an image signal to be sent via a mobile communication network connected to a computer network (para. 0131,0133,0142-0145); an image signal reproducing part which reproduces said image signal received by means of said image signal receiving part and makes said display part display said reproduced image (para. 0131,0133,0142-0145); and a position detecting signal outputting part which detects a position of said portable information terminal and outputs, via a mobile communication network, a position detecting signal

thereof to said computer network and said interior image information providing site is provided with (para. 0025,0131, 0133, 0142-0150); a facility detecting part which detects, based on said position detecting signal to be inputted from said position detecting signal outputting part of said portable information terminal, facilities located in the vicinity of said position indicated by said position detecting signal and sends a display signal which displays detected facilities to said portable information terminal (para. 0131,0133,0142-0145), and a sending part for sending image signals to be inputted, via computer networks, from said image-pickup means of said facility sites installed in said facilities displayed by means of said display signal in said portable information terminal to a portable information terminal via a mobile communication network (para. 0025,0131, 0133, 0142-0150).

Regarding claim 14 Obradovich teaches wherein said facility detecting part is a map database site which is provided with a map database and a facility database and provides map information and facility information included in said map information (para. 0131,0133,0142-0145).

Regarding claim 15 Obradovich teaches wherein based on a position detecting signal to inputted from said portable information terminal, said facility detecting part detects facilities which are located in the vicinity of said position indicated by said position detecting signal and also included in a category specified in said portable information terminal (para. 0131,0133,0142-0145).

Regarding claim 16 Obradovich teaches wherein said portable information terminal comprises a facility specifying means for specifying a facility which receives an

image signal of a plurality of facilities that have been detected by said facility detecting part of said interior image information providing site (para. 0131,0133,0142-0145).

Regarding claim 17 Obradovich teaches an interior image information providing system by means of a portable information terminal comprising (figs. 1-41): a portable information terminal; an interior image information providing site which is connected to said portable information terminal via a mobile communication network and also connected to a computer network (para. 0131,0133,0142-0145); and a facility site which is provided with an image-pickup part installed in a facility and sends an image signal obtained by said image-pickup part to a computer network, wherein said portable information terminal is provided with (para. 0131,0133,0142-0145): a display part for displaying an image (para. 0131,0133,0142-0145); an image signal receiving part for receiving an image signal to be sent via a mobile communication network connected to a computer network (para. 0131,0133 ,0142-0145); an image signal reproducing part which reproduces said image signal received by means of said image signal receiving part and makes said display part display said reproduced image (para. 0025,0131, 0133, 0142-0150); and a facility specifying part for outputting a facility specifying signal to a computer network via a mobile communication network and said interior image information providing site is provided with: a sending part for sending an image signal, which is to be inputted via a computer network from an image-pickup means of said facility site installed in a facility specified by said facility specifying signal showing a facility to be inputted from said facility specifying part of said portable information

terminal, to said portable information terminal via a mobile communication network (para. 0025,0131, 0133, 0142-0150).

Regarding claim 18 Obradovich teaches wherein said facility specifying part of said portable information terminal specifies an facility based on said URL of said facility site (para. 0131,0133,0142-0145).

Regarding claim 19 Obradovich teaches wherein said interior image information providing site is provided with a facility searching part for searching for a facility based on addresses, wherein said facility searching part searches for a facility where said facility site has been installed based on a facility specifying signal indicating an address of a facility to be sent from said facility specifying part of said portable information terminal (para. 0131,0133,0142-0145).

Regarding claim 20 Obradovich teaches wherein said facility detecting part is a map database site which is provided with a map database, a facility database, and an address database and provides map information and facility information included in said map information (para. 0131,0133,0142-0145).

Regarding claim 21 Obradovich teaches an interior image information providing site which is connected to a portable information terminal via a mobile communication network and also connected to a computer network, comprising (para. 0131,0133,0142-0145): an identifying part for identifying a facility site from which an image signal is to be inputted, based on a position detecting signal inputted from a position detecting signal outputting part of a portable information terminal (para. 0131,0133,0142-0145); and a sending part for sending said image signal inputted via a computer network, an image-

pickup part of said facility site which has been identified to receive said image signal to said portable information terminal via a mobile communication networks (para. 0025,0131, 0133, 0142-0150), so that said portable information terminal receives said image signal from said image-pickup part of said facility site based on the position detection signal that is output from the potable information terminal (para. 0131,0133,0142-0145).

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Khawar Iqbal whose telephone number is (571) 272-7909.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Marsha D. Banks-Harold can be reached on (571) 272-7905. The fax phone

number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 703-305-3028.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

Khawar Iqbal

CHARLES APPIAH
PRIMARY EXAMINER